

IN THE CLAIMS

1. (currently amended) A fin system having at least one louver set used to enhance the transfer of heat from a first medium to a second medium, said louver set comprising:

at least two blocks of louvers, each block having a first breaking louver, at least one or more main louver louvers and a reversal louver and between the central reversal louvers is a flat area,

wherein at least one of the first length of said first breaking louver and the second length of the reversal louver ~~are~~ is substantially wider than half of the length of the at least one main louver louvers as measured across flat areas of the first breaking louver, the reversal louver and the main louver,

and wherein said at least one of said first and second lengths whose length is substantially wider than half of the length of the main louver has an angle of orientation, said angle of orientation is first angles of orientation of at least one of the breaking louver and the reversal louver are lower than a second angle of orientation of the main louver louvers when measured relative to a fin face from which the louvers protrude,

and wherein at least one of said two blocks of louvers contains a breaking louver and a reversal louver having a different angle relative to the fin face.

2. (currently amended) The fin system as recited in Claim 1, wherein the breaking louver is wider than half of the main louver and has an angle of orientation relative to the main fin face such that the factor of ratio of reduction of free air passage is between 0.51 and 0.96.

3. (original) The fin system as recited in Claim 2, wherein the factor of ratio of reduction of free air passage is between 0.55 and 0.75.

4. (currently amended) The fin system as recited in Claim 1, wherein the reversal louver is wider than half of the main louver and has an angle of orientation relative to the main fin face such that the factor of ratio of reduction of free air passage is between 0.51 and 0.96.

5. (currently amended) The fin system as recited in Claim † 4, wherein the factor of ratio of reduction of free air passage is between 0.55 and 0.75.

6. (original) The fin system as recited in Claim 1, wherein at least one of said two blocks of louvers contains a breaking louver and a reversal louver both having substantially the same angle relative to the fin face.

7. (currently amended) The fin system as recited in Claim 1, wherein at least one of said two blocks of louvers contains a breaking louver and a reversal louver both having substantially the same length as the main ~~louvers~~ louver.